

AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions, and listings of the claims in the application:

1. (Currently Amended) A drug package comprising:
at least one container containing a drug for delivery to a patient in a drug delivery device; and

an electronic data carrier removable from the at least one container, the carrier including a memory holding ~~for storing~~ drug treatment information for use by the drug delivery device, the electronic data carrier further includes a radio frequency device for transmitting the drug treatment information to the drug delivery device.

2. (Cancelled)

3. (Previously Presented) The drug package according to claim 1, wherein the drug is adapted for delivery in air inhaled by the patient to their lungs.

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Previously Presented) The drug package according to claim 1, wherein the electronic data carrier is arranged to supply the drug treatment information to the drug delivery device a number of times corresponding to the number of treatments available from the drug package, or to the number of containers included in the drug package.

8. (Previously Presented) The drug package according to claim 1, wherein the at least one container is a plurality of containers and wherein the electronic data carrier is a single electronic data carrier that includes the drug treatment information for each container.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Currently Amended) The drug package according to claim [[1]]53, wherein:
the drug delivery device with which the drug is adapted to be used comprises a nebulizer;
the electronic data carrier further comprises a radio frequency receiver configured to receive nebulizer treatment information from the nebulizer; and
the memory is configured to store the nebulizer treatment information received from the nebulizer ~~the drug delivery device~~.

13. (Currently Amended) A drug delivery device comprising:
a delivery portion for delivering a drug to a patient;
an electronic input arranged remotely from the delivery portion and configured to receive for receiving treatment information from a removable electronic data carrier wherein the input is a radio frequency receiver configured to receive input which receives the treatment information from the electronic data carrier over a radio frequency signal; and
a delivery controller configured to control for controlling the amount of the drug delivered to the patient based on the received treatment information.

14. (Cancelled)

15. (Cancelled)

16. (Currently Amended) The drug delivery device according to claim 13, wherein the electronic input is additionally configured ~~arranged~~ to transmit treatment information to the electronic data carrier for recordal.

17. (Previously Presented) The drug delivery device according to claim 13, wherein the drug delivery device includes an authorization portion which prevents delivery if any of the treatment information indicates that the drug is unsuitable for delivery.

18. (Previously Presented) The drug delivery device according to claim 13, wherein the drug delivery device is selected from one of a pneumatic nebulizer, a piezo-electric nebulizer, or an ultrasonic nebulizer.

19. (Currently Amended) An assembly comprising:
a drug delivery device;
an electronic data carrier for use with the drug delivery device and removable from the drug delivery device, the electronic data carrier comprising:
a memory located within the electronic data carrier, the memory holding for ~~holding~~ drug-specific treatment information concerning the use of the drug delivery device in delivering a specified drug, and
an output configured to transmit ~~for transmitting~~ the drug-specific treatment information via a radio frequency signal from the memory to the drug delivery device.

20. (Currently Amended) A drug delivery system comprising:
a drug delivery device for delivering a drug, the drug delivery device ~~apparatus~~ having a medication chamber for receiving a drug for delivery and an electronic input for receiving treatment information relating to the drug; and
an electronic data carrier removable from the drug delivery device including a memory for storing the drug treatment information for use by the drug delivery device, the carrier also includes an output for transmitting the treatment information to the electronic input,

wherein the input is a radio frequency input which is configured to receive the treatment information from the electronic data carrier over a radio frequency signal, whereby the drug delivery device is configured to deliver the drug in conformity with the treatment information.

21. (Previously Presented) A method of operating a drug delivery device comprising:

supplying a plurality of containers, each container of the plurality of containers containing a drug for use with the drug delivery device;

supplying an electronic data carrier removable from the plurality of containers, the electronic data carrier includes treatment information;

transmitting the treatment information from the electronic data carrier to the drug delivery device;

placing an amount of the drug from a container of the plurality of containers in the drug delivery device; and

delivering the drug in accordance with the treatment information from the data carrier.

22-38. (Cancelled)

39. (Previously Presented) A drug package comprising:

a plurality of drug containers, each container containing a drug for delivery to a patient in a drug delivery device; and

an electronic data carrier separate from the drug containers, the carrier including drug treatment information for use by the drug delivery device wherein the data carrier is a radio frequency device and wherein the data carrier is arranged to be powered inductively from a radio frequency signal transmitted from or associated with the drug delivery device.

40. (Previously Presented) A drug package comprising:

a plurality of drug containers, each container containing a drug for delivery to a patient in a drug delivery device; and

an electronic data carrier separate from the drug containers, the carrier including drug treatment information for use by the drug delivery device wherein the data carrier is a radio frequency device, wherein the data carrier is arranged to be powered inductively from a radio frequency signal transmitted from or associated with the drug delivery device, and wherein the data carrier is arranged to generate the radio-frequency signal bearing the treatment information.

41. (Currently Amended) The drug package as recited in claim 61[[39]], wherein the drug treatment information includes at least one of the following items:

- a. an identity of the drug which is to be delivered;
- b. a security code;
- c. a desired dose amount;
- d. a desired frequency of treatments; or
- e. an expiration date of the drug.

42. (Cancelled)

43. (Cancelled)

44. (Previously Presented) The drug package as recited in claim 40, wherein the drug treatment information includes at least one of the following items:

- a. an identity of the drug which is to be delivered;
- b. a security code;
- c. a desired dose amount;
- d. a desired frequency of treatments; or
- e. an expiration date of the drug.

45-50. (Cancelled)

51. (Previously Presented) The assembly as recited in claim 19, wherein the drug delivery device is a nebulizer.

52. (Previously Presented) The assembly as recited in claim 51, wherein the nebulizer is selected from one of a pneumatic nebulizer, a piezo-electric nebulizer, or an ultrasonic nebulizer.

53. (Previously Presented) The drug package of claim 1, wherein the drug is configured for delivery to the patient via nebulization of the drug and inhalation of the nebulized drug by the patient.

54. (Previously Presented) The assembly of claim 19, wherein the drug delivery device comprises an electronic input configured to receive the treatment information from the output via the radio frequency signal.

55. (Previously Presented) The system of claim 20, wherein the drug delivery device comprises a nebulizer.

56. (Previously Presented) The drug delivery device of claim 13, wherein the electronic input is configured to transmit treatment information via a radio frequency signal to the removable electronic data carrier.

57. (New) The drug package of claim 1, wherein:
the at least one container comprises a first container;
all of the drug in the first container is commonly stored in a single compartment of the first container; and
the drug treatment information comprises information indicating that some, but not all, of the drug in the first container should be delivered by the drug delivery device.

58. (New) The drug package of claim 1, wherein the radio frequency device comprises a radio frequency transmitter configured to transmit the drug treatment information to the drug delivery device.

59. (New) The method of claim 21, wherein the drug delivery device comprises a nebulizer.

60. (New) The assembly of claim 19, wherein:
the radio frequency device comprises a radio frequency transmitter configured to transmit the drug treatment information; and
the drug delivery device comprises a radio frequency receiver configured to receive the drug treatment information transmitted by the radio frequency transmitter.

61. (New) The drug package of claim 39, wherein the radio frequency device comprises a radio frequency transmitter configured to transmit the drug treatment information to the drug delivery device.

62. (New) The drug package of claim 1, wherein the drug treatment information includes at least one of the following items:

- a. an identity of the drug which is to be delivered;
- b. a security code;
- c. a desired dose amount;
- d. a desired frequency of treatments; or
- e. an expiration date of the drug.

63. (New) The drug package of claim 1, wherein the drug treatment information comprises drug-specific drug treatment information concerning the use of the drug delivery device in delivering the drug.